

NOTICE OF DRAFTERPERSON'S PATENT DRAWING REVIEW

The drawing filed (insert date) 09/13/99 are:

- A. _____ not objected to by the Draftperson under 37 CFR 1.84 or 1.152.
- B. ✓ _____ objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:
 Black ink. Color.
 _____ Color drawing are not acceptable until petition is granted.
 Fig.(s) _____
 _____ Pencil and non black ink is not permitted. Fig(s): _____

2. PHOTOGRAPHS. 37 CFR 1.84(b)
 _____ Photographs are not acceptable until petition is granted,
 _____ 3 full-tone sets are required. Fig(s) _____
 _____ Photographs not properly mounted (must bristol board or photographic double-weight paper). Fig(s) _____
 _____ Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(e)
 _____ Paper not flexible, strong, white and durable.
 Fig.(s) _____
 ✓ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable. (too thin)
 _____ Mylar, vellum paper is not acceptable (too thin).
 Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:
 _____ 21.0 cm by 29.7 cm (DIN size A4)
 _____ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
 _____ All drawings sheets not the same size.
 Sheet(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 SIZE: A4 Size
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 SIZE: 8 1/2 x 11
 _____ Margins not acceptable. Fig(s) 4g, 5a, 6
 ✓ Top (T) _____ Left (L)
 _____ Right (R) ✓ Bottom (B)

6. VIEWS. 37 CFR 1.84(h)
 REMINDER: Specification may require revision to correspond to drawing changes.
 _____ Views connected by projection lines or lead lines.
 Fig.(s) _____
 Partial views. 37 CFR 1.84(h)(2)
 _____ Brackets needed to show figure as one entity.
 Fig.(s) _____
 _____ Views not labeled separately or properly.
 Fig.(s) _____
 _____ Enlarged view not labeled separately or properly.
 Fig.(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)
 _____ Hatching not indicated for sectional portions of an object.
 Fig.(s) _____
 _____ Sectional designation should be noted with Arabic or Roman numbers. Fig.(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
 _____ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig.(s) _____
 _____ Views not on the same plane on drawing sheet. Fig.(s) _____

9. SCALE. 37 CFR 1.84(k)
 _____ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.
 Fig.(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)
 _____ Lines, numbers & letters not uniformly thick and well defined, clean, durable and black (poor line quality).
 Fig.(s) _____

11. SHADING. 37 CFR 1.84(m)
 _____ Solid black areas pale. Fig.(s) _____
 _____ Solid black shading not permitted. Fig.(s) _____
 _____ Shade lines, pale, rough and blurred. Fig.(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.48(p)
 _____ Numbers and reference characters not plain and legible.
 Fig.(s) _____
 _____ Figure legends are poor. Fig.(s) _____
 _____ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s) _____
 _____ English alphabet not used. 37 CFR 1.84(p)(3) Fig.(s) _____
 _____ Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig.(s) _____

13. LEAD LINES. 37 CFR 1.84(q)
 _____ Lead lines cross each other. Fig.(s) _____
 _____ Lead lines missing. Fig.(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.48(t)
 _____ Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Fig.(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
 _____ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig.(s) _____

16. CORRECTIONS. 37 CFR 1.84(w)
 _____ Corrections not made from PTO-948 dated _____

17. DESIGN DRAWINGS. 37 CFR 1.152
 _____ Surface shading shown not appropriate. Fig.(s) _____
 _____ Solid black shading not used for color contrast.
 Fig.(s) _____

COMMENTS

REVIEWER LAM DATE 11/17/99 TELEPHONE NO. (703) 308-0366

ATTACHMENT TO PAPER NO. _____

PTO COPY